Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **140** **Const Calendar Day:** 689 **Date:** **29-Jul-2011** **Friday**
Inspector Name: **Wright, Doug** **Title:** **Transportation Engineer**
Inspection Type: Continuous
Shift Hours: 07:00 AM 04:30 PM **Break:** 00:30 **Over Time:** 01:00
Federal ID:
Location:
Reviewer: **Soheilifard, Saman** **Approved Date:** 04-Aug-11 **Status:** Approved

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature	**7 AM**	**12 PM**	**4PM**
Precipitation		**Condition**	

Working Day ☑ If no, explain:

Diary: Dispute ☐

Tower Activities

Electroslag welding (ESW):
The 20th (and last) ESW weld was done today. It was on the skewed T joint that connects shear plate a1S to the South shaft. The following is a list of activities for this operation:

The consumable guide and insulators were installed yesterday. To ensure that they were free of rust and condensation, the following was checked prior to the start of welding:
- I visually inspected both sides of the weld joint to make sure there was no rust or condensation on the guide or insulators.
- At the bottom 150mm of both sides of the joint, they used a torch to dry out the area to remove any possible condensation (see attached photo). - Note: the areas above the sump will be dried out from the rising heat of the weld pool during welding.
- 2 new barrels of weld wire were brought out this morning.
- From 07:30 until 08:00, QC and production went through there pre-weld checklists.

After the above was done, they were ready to start welding.
- At 08:33, the weld was started.
- It took about 2 minutes, 45 seconds for the weld parameters to stabilize.
- There was a small leak of weld metal from the starting sump. - See attached photo.
- At 10:37, the weld was low on flux and was running a little loud for about 1 minute.
- At 12:29, the weld was low on flux and was running a little loud for about 1 minute.
- At 13:06, the weld was ended in the run-off tab.

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Office work:
- I reviewed and approved diaries.
- I looked into CCO-174. ABF Engineer Mark MacDonald called me to ask about some of the details in this CCO. It had to do with the possible need to trim some elevator brackets that may interfere with the Lift 4 facades.
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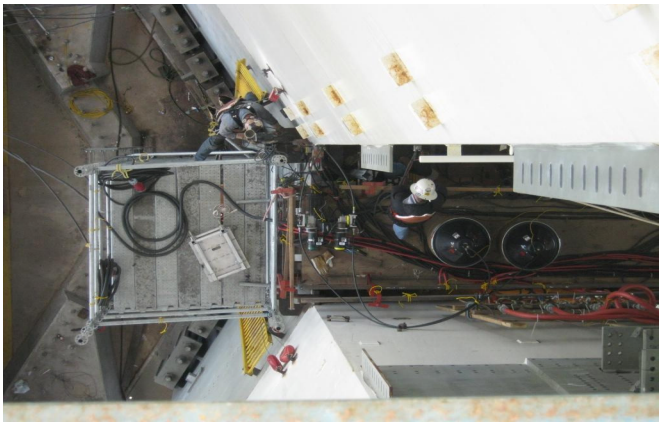
04-0120F4 **Bid Item: 053** **T-L01-SPD.053** **Tower Lift 01 Shear Plates and Diaphrams**
AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor:	AMERICAN BRIDGE/FLUOR, A JV							
Ironworker	APP	JEFFERY STONE	0.00	0.00	0.00	0.00		☐

Ironworker	APP	Alex Blanco	8.00	0.00	0.00	8.00	☐
Ironworker	APP	DEVAN MURPHY	8.00	0.00	0.00	8.00	☐
Ironworker	APP	JEREMY DOLMAN	0.00	0.00	0.00	0.00	☐
Ironworker	APP	JEFFERY SOUZA	8.00	0.00	0.00	8.00	☐
Ironworker	FOR	RORY HOGAN	8.00	0.00	0.00	8.00	☐
Ironworker	JNM	RICHARD GARCIA	8.00	0.00	0.00	8.00	☐

Attachment



Looking down at the ESW weld in progress

Small weld metal leak from the starting sump